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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/445,174B

DATE: 06/25/2001
 TIME: 11:45:50

Input Set : A:\121344_1.txt
 Output Set: N:\CRF3\06252001\I445174B.raw

ENTERED

3 <110> APPLICANT: van Ommen, Garrit J.B.
 4 Petrij-Bosch, Anne
 5 Bakker, Egbert
 6 Devilee, Peter
 9 <120> TITLE OF INVENTION: A diagnostic test kit for determining a predisposition
 10 for breast and ovarian cancer, materials and methods
 11 for such determination
 13 <130> FILE REFERENCE: 294-78
 15 <140> CURRENT APPLICATION NUMBER: US 09/445,174B
 C--> 16 <141> CURRENT FILING DATE: 2001-06-11
 18 <150> PRIOR APPLICATION NUMBER: PCT/NL98/00325
 19 <151> PRIOR FILING DATE: 1998-06-03
 21 <150> PRIOR APPLICATION NUMBER: EP 97201700.8
 22 <151> PRIOR FILING DATE: 1997-06-04
 24 <160> NUMBER OF SEQ ID NOS: 23
 26 <170> SOFTWARE: PatentIn Ver. 2.1
 28 <210> SEQ ID NO: 1
 29 <211> LENGTH: 20
 30 <212> TYPE: DNA
 31 <213> ORGANISM: Artificial Sequence
 33 <220> FEATURE:
 34 <223> OTHER INFORMATION: Description of Artificial Sequence: primer forward
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 38 ctagcctggg caacaaacga 20
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 44 <213> ORGANISM: Artificial Sequence
 46 <220> FEATURE:
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 48 for D17S1322
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 51 gcaggaagca ggaatggAAC 20
 54 <210> SEQ ID NO: 3
 55 <211> LENGTH: 21
 56 <212> TYPE: DNA
 57 <213> ORGANISM: Artificial Sequence
 59 <220> FEATURE:
 60 <223> OTHER INFORMATION: Description of Artificial Sequence: primer forward
 61 for D17S855
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 64 ggatggcctt ttagaaagtG g 21
 67 <210> SEQ ID NO: 4
 68 <211> LENGTH: 20
 69 <212> TYPE: DNA
 70 <213> ORGANISM: Artificial Sequence

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72 <220> FEATURE:
73 <223> OTHER INFORMATION: Description of Artificial Sequence: primer reverse
74 for D17S855
76 <400> SEQUENCE: 4 20
77 acacagactt gtcctactgc
80 <210> SEQ ID NO: 5
81 <211> LENGTH: 20
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85 <220> FEATURE:
86 <223> OTHER INFORMATION: Description of Artificial Sequence: primer forward
87 for D17S1323
89 <400> SEQUENCE: 5 20
90 taggagatgg attattggtg
93 <210> SEQ ID NO: 6
94 <211> LENGTH: 20
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
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103 aagcaactt gcaatggatg
106 <210> SEQ ID NO: 7
107 <211> LENGTH: 22
108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Description of Artificial Sequence: primer forward
113 for first PCR
115 <400> SEQUENCE: 7 22
116 tcacagtgcgttggaa ag
119 <210> SEQ ID NO: 8
120 <211> LENGTH: 24
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial Sequence
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126 for first PCR
128 <400> SEQUENCE: 8 24
129 gtagccagga cagtagaagg actg
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133 <211> LENGTH: 22
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137 <220> FEATURE:
138 <223> OTHER INFORMATION: Description of Artificial Sequence: primer forward
139 for second PCR
141 <400> SEQUENCE: 9

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145 <210> SEQ ID NO: 10
146 <211> LENGTH: 21
147 <212> TYPE: DNA
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151 <223> OTHER INFORMATION: Description of Artificial Sequence: primer reverse
152           for second PCR
154 <400> SEQUENCE: 10
155 gcccaactttg taagtcatt c          21
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159 <211> LENGTH: 19
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Description of Artificial Sequence: primer forward
166 <400> SEQUENCE: 11
167 aaccaccaag gtccaaagc          19
170 <210> SEQ ID NO: 12
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172 <212> TYPE: DNA
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175 <220> FEATURE:
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178 <400> SEQUENCE: 12
179 gtagccagga cagtagaaagg actg          24
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183 <211> LENGTH: 20
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Description of Artificial Sequence: primer reverse
190 <400> SEQUENCE: 13
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194 <210> SEQ ID NO: 14
195 <211> LENGTH: 20
196 <212> TYPE: DNA
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
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231 <211> LENGTH: 24
232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial Sequence
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236 <223> OTHER INFORMATION: Description of Artificial Sequence: primer reverse
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243 <211> LENGTH: 24
244 <212> TYPE: DNA
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
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255 <211> LENGTH: 21
256 <212> TYPE: DNA
257 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:
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262 <400> SEQUENCE: 19
263 gcccaacttg taagctcatt c          21
266 <210> SEQ ID NO: 20
267 <211> LENGTH: 720
268 <212> TYPE: DNA
269 <213> ORGANISM: Homo sapiens
271 <220> FEATURE:
272 <223> OTHER INFORMATION: /note="Exon 22 of BRCA1 and its flanking intron
273 sequences, pos. 79441-80160"
275 <400> SEQUENCE: 20
276 agaggtcttg ctataaggct tcataccggag agtgttagggt agagggcctg ggtaagtat 60
277 gcagattact gcagtgattt tacatctaaa tgtccatttt agatcaactg gaatggatgg 120
278 tacagctgtg tgggtcttct gtggtaagg agcttcattc attcaccctt ggcacagtaa 180
279 gtattgggtg ccctgtcaga gagggagac acaatattct ctcctgtgag caagactggc 240
280 acctgtcagt ccctatggat gcccctactg tagcctcaga agtcttcctc gcccacatac 300
281 ctgtgccaaa agactccatc tgtaaggat gggtaaggat ttgagaactg cacatattaa 360
282 atatactgag ggaagacttt ttccctctaa ctcttttcc catatgtccc tccccctcct 420
283 ctctgtgact gccccagcat actgtgttc aacaaatcat caagaaatga tgggctggag 480

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284 gctgggcatg gtggctcatg tctgtaatcc cagcacttg ggaggccgag gcaggtggat 540
285 cacttgtcag gagtttggaa ccagcctggc caacatggt aaaccccatc tgtactaaaa 600
286 aaaaaaaaaac aaaaagtagc caggcctggt ggagcatgcc tgtaatgcc gctatttggg 660
287 aagttgagggt gtgagcatcg cttgaacgtg ggaggcagag gttgcagtga gccaaaggattg 720
290 <210> SEQ ID NO: 21
291 <211> LENGTH: 178
292 <212> TYPE: DNA
293 <213> ORGANISM: Homo sapiens
295 <220> FEATURE:
296 <223> OTHER INFORMATION: /note="Intronic region flanking exon 12, pos.
297 44423 - 44600"
299 <400> SEQUENCE: 21
300 cctgtataatcc cagcactttg ggaggccgag gcgggaggat catgtggtca ggagatccag 60
301 accatcctgg ctaaacacggt gaaacaccat ttctactaaa actacaaaaa attagctggg 120
302 catggtggcg ggcgcctgta atccccagcta ctcaggaggc tgaaggcagaa gaatggct 178
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307 <212> TYPE: DNA
308 <213> ORGANISM: Homo sapiens
310 <220> FEATURE:
311 <223> OTHER INFORMATION: /note="Intronic region flanking exon 13, pos.
312 48256 - 48436"
314 <400> SEQUENCE: 22
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316 agaccagcct gaccaacatg gagaaccac atctctacta aaactacaaa aaatttagccg 120
317 ggcgtggtgg cacatgcctg taatcccacg tacttggag ctacggtgcc tggcttagtt 180
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321 <211> LENGTH: 60
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323 <213> ORGANISM: Homo sapiens
325 <220> FEATURE:
326 <223> OTHER INFORMATION: /note="Deletion-function fragment"
328 <400> SEQUENCE: 23
329 agaccatcct ggcttaaacacg gtgaaacacc atttctacta aaactacaaa aaatttagccg 60

VERIFICATION SUMMARY

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L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date